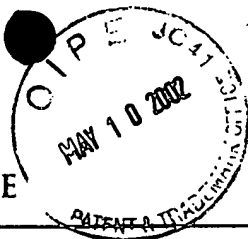




UNITED STATES
PATENT AND
TRADEMARK OFFICE



COPY OF PAGES
ORIGINALLY FILED

5681-04700

MARCH 12, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.gov

CONLEY, ROSE & TAYON, P.C.
ROBERT C. KOWERT
P.O. BOX 398
AUSTIN, TX 78767-0398



101952390A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/07/2002

REEL/FRAME: 012469/0386
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MORRISON, JOHN M.

DOC DATE: 01/02/2002

ASSIGNOR:
SANZIO, JOSEPH

DOC DATE: 12/13/2001

ASSIGNEE:
SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 10041024
PATENT NUMBER:

FILING DATE: 01/07/2002
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
MAY 15 2002
Technology Center 2100

MAR 13 2002

01-18-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

P6708

To the Honorable Commissioner of Patents and Trademark

101952390

copy thereof.

1. Name of conveying party(ies):

John M. Morrison
Joseph SanzioAdditional name(s) of conveying party(ies) attached? ☐ yes ☒ no

2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: _____

Street Address: 901 San Antonio RoadCity Palo Alto State CA ZIP 94303Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date: January 2, 2002 and December 13, 2001

4. Application number(s) or patent number(s):

10041024

If this document is being filed together with a new application, the execution date of this application is: January 2, 2002 and December 13, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. KowertInternal Address: Conley, Rose & Tayon, P.C.Street Address: P.O. Box 398City Austin State TX ZIP 78767-03986. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 501505/5631-04700/RCIK

(Attach a duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert C. KowertName of Person Signing
Reg. No. 39.255

Signature

January 7, 2002

Date

Total number of pages: 5

OMB No. 0651-011 (exp.4/94)

01/17/2002 AAHMED1 00000042 501505 10041024
01 FC:581 40.00 CH

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, **DATA INTEGRITY DEVICE FOR PROVIDING HEIGHTENED ERROR PROTECTION IN A DATA PROCESSING SYSTEM**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

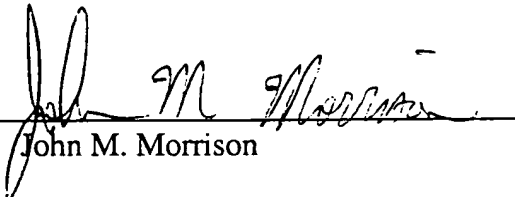
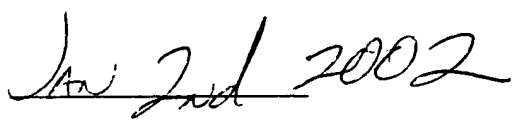
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT
5681-04700
P6708

COVENANT AND AGREE that the above is and will be binding on the heirs,
assigns, representatives and successors of the undersigned and extend to the successors,
assigns and nominees of the Assignee.

(Signature)  Date: 
Name: John M. Morrison

(Signature) _____ Date: _____
Name: Joseph Sanzio

Robert C. Kowert
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, **DATA INTEGRITY DEVICE FOR PROVIDING HEIGHTENED ERROR PROTECTION IN A DATA PROCESSING SYSTEM**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

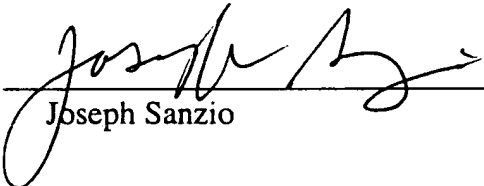
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT
5681-04700
P6708

COVENANT AND AGREE that the above is and will be binding on the heirs,
assigns, representatives and successors of the undersigned and extend to the successors,
assigns and nominees of the Assignee.

(Signature) _____ Date: _____
Name: John M. Morrison

(Signature)  Date: 12-13-2001
Name: Joseph Sanzio

Robert C. Kowert
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398